

ABSTRACT OF THE DISCLOSURE

Methods and apparatuses for measuring transmission quality of multimedia data are provided. The method comprises the steps of a transmitter transmitting multimedia data through a channel, a receiver, having received the multimedia data from the transmitter, transmitting information on transmission error of the multimedia data to the transmitter through a return channel, the transmitter estimating the received data at the receiver using the error information returned to the transmitter, and the transmitter evaluating the transmission quality of the received data by comparing the estimated received data with reference data.